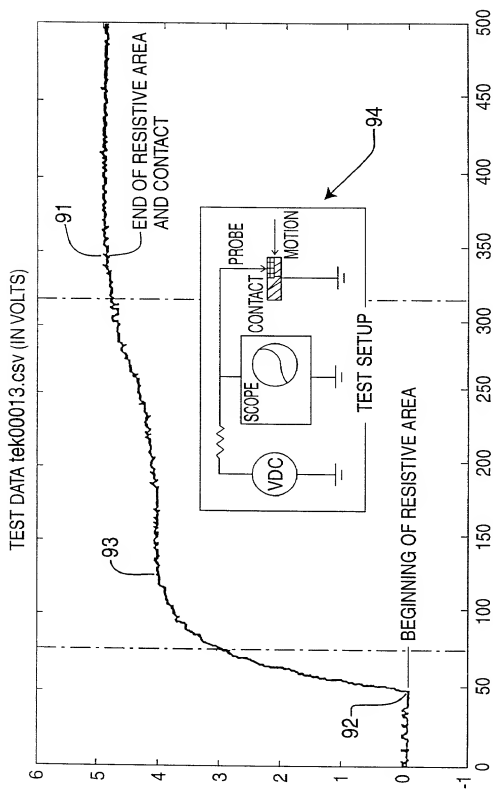
**FIG. 1**

**FIG. 2**

MEGAOHMS vs. DISTANCE FROM END
INLAY Rho = $9E10$ OHM-INCHES

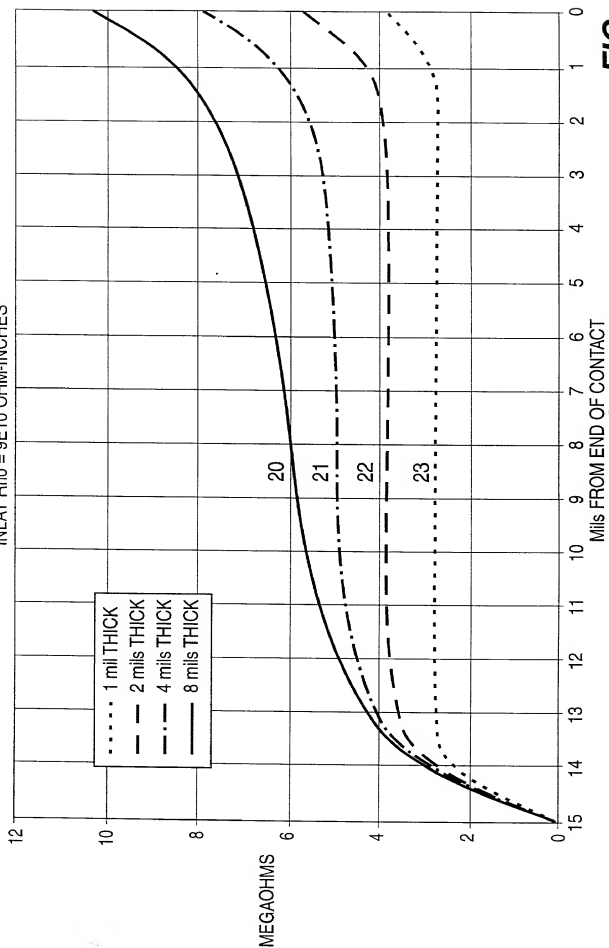


FIG. 3

ELECTROMAGNETIC TECHNOLOGY

[HH] Const_Rho Chart 2 Const_Rho Chart 2

MEGAHMS vs. DISTANCE FROM END
INLAY THICKNESS = 4 mills

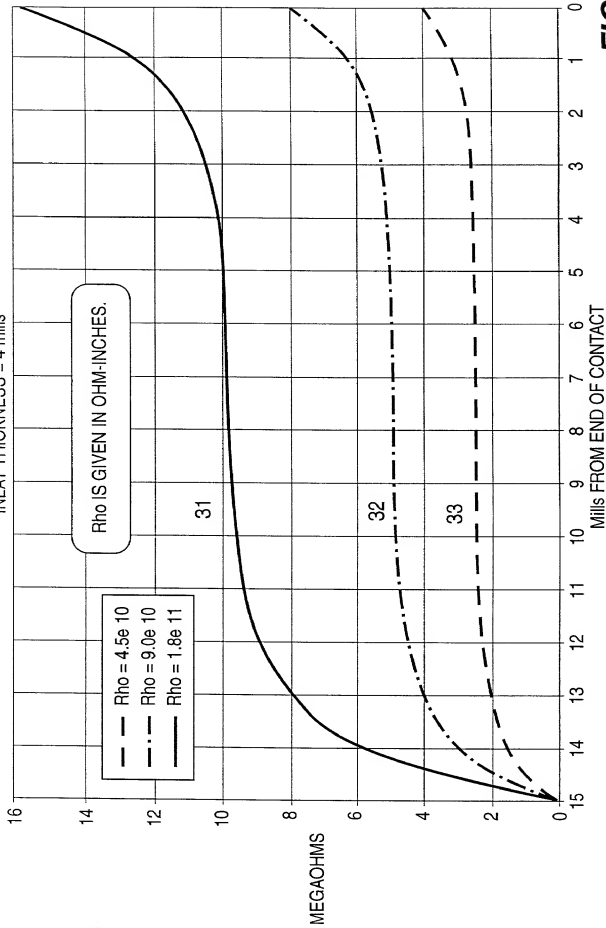


FIG. 4

[HH] Const_Thkns Chart 2 Const_Thkns Chart 2
ELECTROMAGNETIC TECHNOLOGY

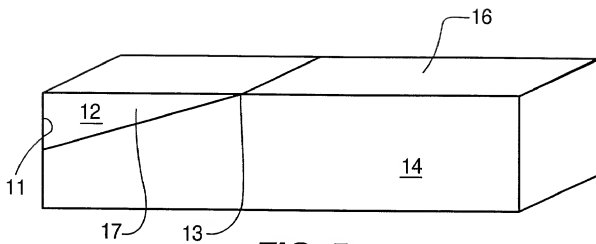


FIG. 5a

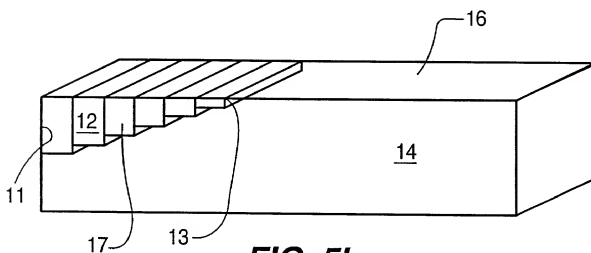


FIG. 5b

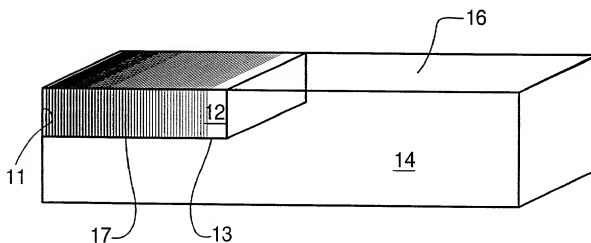


FIG. 5c

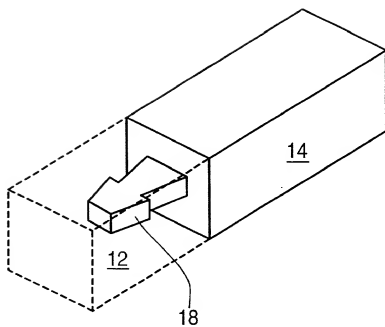


FIG. 5d

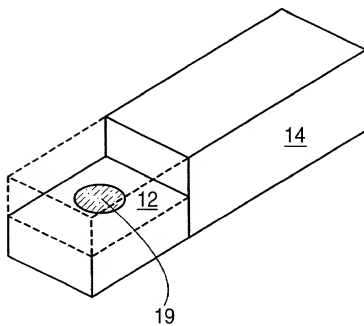


FIG. 5e

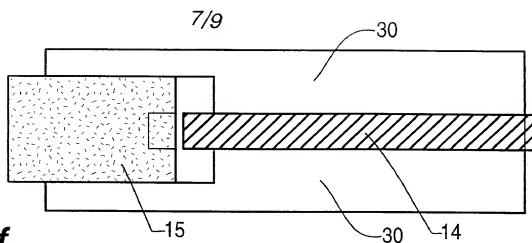


FIG. 5f

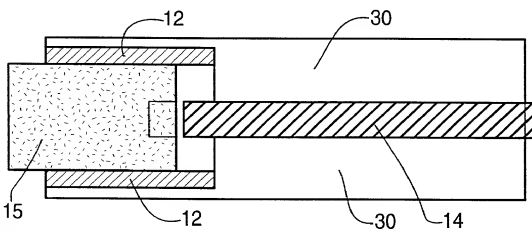


FIG. 5g

TOP VIEW

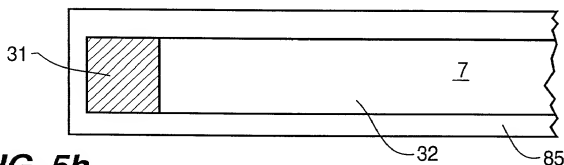


FIG. 5h

SIDE VIEW

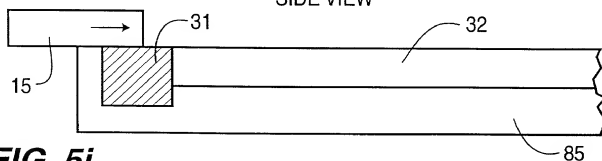
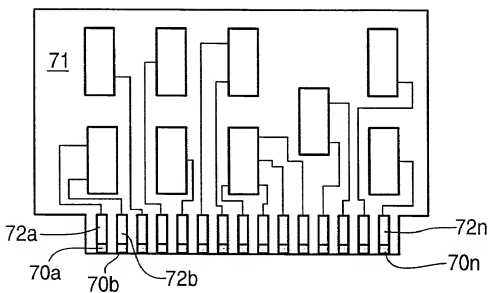
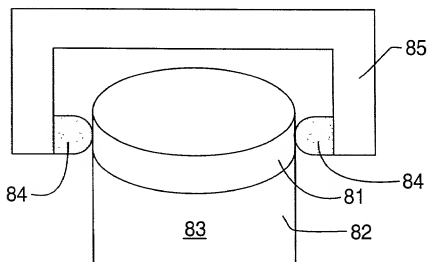
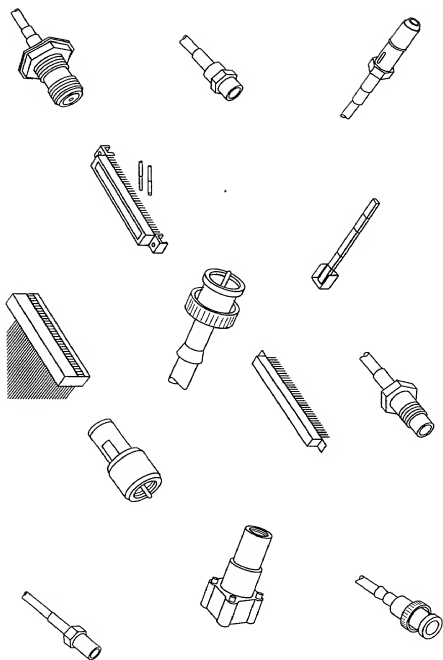


FIG. 5i



**FIG. 6****FIG. 7**

**FIG. 8**